UMFO

Ground Based Training System (GBTS)

26 July 2005

Requirement

- CNATRA letter serial number N786/00361 dated 1 April 05
  - Defines the requirement
- System IOC
  - FY10- fluid within this FY
- TW-6 RFT
  - 6 to 9 months prior to IOC

Syllabi

- Student
- Pilot IUT
- NFO IUT

Road Ahead

- GBTS based on UMFO requirements, not pilot requirements
- Single contract for all GBTS elements

UMFO -vs- Pilot Requirements

- Database
  - Synchronized visual, radar, EW
  - Moving ground models
  - Adversary aircraft
- Visual system field of view
  - Pilot head and aircraft nose obstruction
- Cockpit configuration
  - Back seat orientation
  - Location of equipment
- Systems operation is main priority

- Database
  - Visual only
- Visual system field of view
  - Front seat orientation
- Cockpit configuration
  - Front seat orientation
  - Location of equipment
- Flight fidelity is main priority

NAVAIR

Single Contract

- Provides for:
  - Common instructor/operator station
  - Common database
  - Common systems architecture
  - Common visual image generator
- Eliminates need for coordination among multiple contractors
- Re-use existing data/assets when appropriate

Reduced Procurement and Life Cycle Cost

Notional GBTS Elements

- Computer Based Training (CBT)
- Electronic Classrooms (EC)
- Part Task Trainers (PTT)
- T-6B Backseat OFT
- T-45C Backseat OFT

Point of Contact

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